

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/001427

A. CLASSIFICATION OF SUBJECT MATTER

G01N33/53 C12N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01N33+ C12N5+

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Document (1985-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI EPODOC PAJ: lymphocyte, vaccin+, neutralizing w antibody, pathgen+, medium or media

CNPAT: 淋巴细胞, 疫苗, 中和抗体, 病原菌, 培养基

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO03044529A1 (RIGEL PHARMACEUTICALS, INC. US) 30.May 2003 (30.05.2003) page11, line 31-page 68, line 31	1-23
A	EP0289896A1(E.I. DU PONT DE NEMOURS AND COMPANY) 09.Nov 1988 (09.11.1988) page 4, line 54-page 14	1-23
A	US20030211548A1(Oncolmmunin, Inc.)13.Nov 2003 (13.11.2003) page 3, left Col., line 26-page 12, right col., line 24	1-23
A	CN1444043A(PAFORUI BIOLOGICAL TECHNOLOGY BEIJING CO) 24.Sep .2003 (24.09.2003) page 4, line 1-page 12, line 5, fig. 1	1-23
A	CN1112933A(ENDL J and BOEHRINGER MANNHEIM GMBH etc.)06.Dec 1995(06.12.1995) page 5, line 12-page 30, line 16, fig 1-4	1-23

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- “A” document defining the general state of the art which is not considered to be of particular relevance
- “E” earlier application or patent but published on or after the international filing date
- “L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)
- “O” document referring to an oral disclosure, use, exhibition or other means
- “P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&” document member of the same patent family

Date of the actual completion of the international search
11.Jun. 2005

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2004/001427

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
WO03044529A1	30.May. 2003	AU2002366157 A1	10.Jun. 2003
EP0289896A1	09.Nov. 1988	AU1520088 A	27.Oct. 1988
		NO8801819 A	21.Nov. 1988
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		KR9004422 B	25.Jun. 1990
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		DE3872588 G	13.Aug. 1992
		ES2051790 T3	01.Jul. 1994
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CN1112933A	06.Dec. 1995	NONE	